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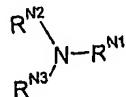
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(54) Title: METHODS OF AMINATION



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(57) Abstract: A method of synthesising a compound of formula I: comprising the step of reacting a moiety of formula II: with a moiety of formula III: in compressed carbon dioxide in the presence of a transition metal catalyst and a base, wherein L is a labile leaving group; R^{N1} is optionally substituted C₅₋₂₀ aryl; R^{N2} is selected from optionally substituted C₅₋₂₀ aryl, optionally substituted C₃₋₂₀ heterocycl, optionally substituted C₁₋₇ alkyl, and optionally substituted sulfonyl; R^{N3} is selected from H and optionally substituted C₁₋₇ alkyl, C₃₋₂₀ heterocycl and C₅₋₂₀ aryl; or R^{N2} and R^{N3} together with the nitrogen atom to which they are attached form optionally substituted nitrogen-containing C₃₋₂₀ heterocycl or C₅₋₂₀ heteroaryl; and R¹, R² and R³ are independently selected from optionally substituted C₁₋₇ alkyl, C₅₋₂₀ aryl, C₃₋₂₀ heterocycl, hydroxy, halo, amino and C₁₋₇ alkoxy, or two of R¹, R² and R³, together with the silicon atom to which they are attached, may form a silicon containing C₅₋₇ heterocycl group.

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